Figure 1.

(A) RFB4 VH sequence

(B) RFB4 VL sequence

Figure 2.

QGTLVTVST

EVQLVESGGGLVKPGGSLKLSCAASGFAFS E V Q L V E S G G G L V - P G G S L R L S C A T T G F A F S (EIK) (RF) Q V Q L V E S G G G V V Q P G R S L R L S C A A S G F S F S (WAS) EVQLVESGGGLVQPGGSLRLSCAASGFSFS FR2 YDMS WVRQTPEKRLEWVA I S S G G G T (WAS) WVRQAPGKGLEWVA FR3 -----TYYPDTVKG RFTISRDNAKNTLYLQMSSL R F T I S R D N A K N S L Y L Q M N S L FR3 -----KSEDTAMYYCAR HSGYGSSYGVL WG RVEDTALYYCAR W GFR4 -----QGTLVTVSA

Figure 3.

(A) VH

E V Q L V E S G G G L V Q P G G S L R L S C A A S G F S F S I Y D M S W V R Q A P G K G L E W V A Y I S S G G G T T Y Y P D T V K G R F T I S R D N A K N S L Y L Q M N S L R V E D T A L Y Y C A R H S G Y G S S Y G V L F A Y W G Q G T L V T V S S

(B) VL

D I Q M T Q S P S S L S A S V G D R V T I S C R A S Q D I

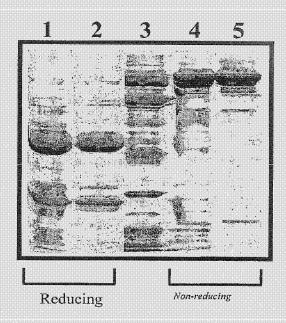
S N Y L N W Y Q Q K P G K A P K L L I Y Y T S I L H S

G V P S R F S G S G S G T E F T L T I S S L Q P E D F A T Y

F C Q Q G N T L P W T F G G G T K V E I K

D989M613 D62701

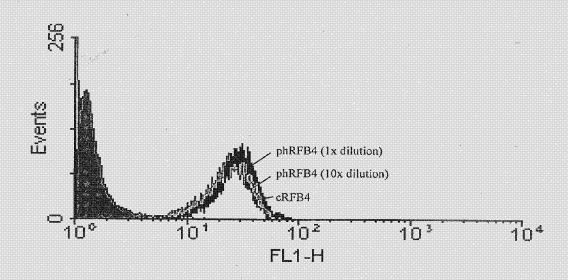
Figure 4.



- 1. cRFB4 (reducing)
- 2. hpRFB4 (reducing)
- 3. Size Marker
- 4. cRFB4 (non-reducing)
- 5. hpRFB4 (non-reducing)

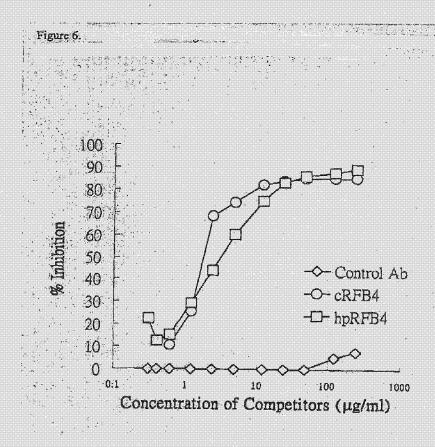
HOZNOG" ETGREGE

Figure 5.



FOZDAD" CTANTOOOL





(A) VH

 Q
 V
 Q
 L
 R
 Q
 P
 G
 A
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 V
 K
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 S
 V
 K
 M
 S
 C
 K
 A
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(B) VL

 Q I V L S Q S P A I L S A S P G E K V T M T C
 R A S S S L

 S F M H
 W Y Q Q K P G S S P K P W I Y A T S N L A S G

 V P A R F S G S G S G T S G T K L E L K R

(A) VH

SYNMH WVKQTPGQGLEWIG AIYPGNGD

T S Y N Q K F K G K A T L T A D K S S S T A Y M Q L S S L

(783C'CI) R V T I T A D K S T S T A Y M E L S S L

(58'CL) R A T I S V D T S K N Q F S L N L S S V

G T T L T V S S D
G T T V T V S S -

TOZENG" ETNERADO

Figure 9.

(A) VH

 Q
 V
 Q
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 S
 G
 Y
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(B) VL

D I Q L T Q S P S S L S A S V G D R V T I T C R A S S S L S F M H W Y Q Q K P G S S P K P W I Y A T S N L A S G V P S R F S G S G S G T E F T L T I S S L Q P E D F A T Y F C H Q W S S N P L T F G A G T K L T V L R

Figure 10.

(A) VH

 Q
 V
 Q
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 V
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(B) VL

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usuju ilian ka

 D I Q L T Q S P S S L S A S V G D R V T I T C
 R A S S S L

 S F M H
 W Y Q Q K P G Q A P V P V I Y
 A T S N L A S G

 V P S R F S G S G S G T E F T L T I S S L Q P E D F A T Y F

 C H Q W S S N P L T
 F G A G T K L T V L R.

TOZESO" MTGENEROL